

# HOOK-UP WIRE

## PVC INSULATION

UL 1007/1569, CSA TR-64  
80°C/105°C, RoHS COMPLAINT  
300 VOLT

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -40°C to 105°C – UL AWM 1569
- -40°C to 90°C – CSA TR-64
- -40°C to 80°C – UL AWM 1007

#### VOLTAGE RATING:

- 300 Volt

#### PRODUCT DESCRIPTION:

- Conductor: Stranded or Solid Tinned Copper
- Insulation: Color-Coded PVC

### SPECIFICATIONS

- UL AWM Styles 1007 and 1569
- CSA TR-64
- RoHS Compliant



### AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups



| Alpha Part No. | Conductor AWG | Strand | Insul. Thickness |      | Diameter |      | Stock Colors* |
|----------------|---------------|--------|------------------|------|----------|------|---------------|
|                |               |        | Inches           | mm   | Inches   | mm   |               |
| 3047           | 30            | 7/38   | 0.016            | 0,41 | 0.043    | 1,09 | 1-10          |
| 3048           | 28            | 7/36   | 0.016            | 0,41 | 0.047    | 1,19 | 1-10          |
| 3049           | 26            | 7/34   | 0.016            | 0,41 | 0.051    | 1,30 | 1-10          |
| 3050           | 24            | 7/32   | 0.016            | 0,41 | 0.057    | 1,45 | 1-19+28, 30   |
| 3051           | 22            | 7/30   | 0.016            | 0,41 | 0.065    | 1,65 | 1-19+28-30    |
| 3053           | 20            | 10/30  | 0.016            | 0,41 | 0.071    | 1,80 | 1-19+28-30    |
| 3055           | 18            | 16/30  | 0.016            | 0,41 | 0.080    | 2,03 | 1-19+28-30    |
| 3057           | 16            | 26/30  | 0.016            | 0,41 | 0.095    | 2,41 | 1-19+28-30    |

\*See color chart below

#### SOLID CONDUCTOR

| Alpha Part No. | Conductor AWG | Strand | Insul. Thickness |      | Diameter |      | Stock Colors* |
|----------------|---------------|--------|------------------|------|----------|------|---------------|
|                |               |        | Inches           | mm   | Inches   | mm   |               |
| 3050/1         | 24            | Solid  | 0.016            | 0,41 | 0.057    | 1,45 | 1-10          |
| 3051/1         | 22            | Solid  | 0.016            | 0,41 | 0.065    | 1,65 | 1-10          |
| 3053/1         | 20            | Solid  | 0.016            | 0,41 | 0.071    | 1,80 | 1-10          |
| 3055/1         | 18            | Solid  | 0.016            | 0,41 | 0.080    | 2,03 | 1-10          |
| 3057/1         | 16            | Solid  | 0.016            | 0,41 | 0.095    | 2,41 | 1-10          |

\*See color chart below

## SEMI RIGID PVC INSULATION

UL 1061, CSA AWM I A/B FT1  
80°C, RoHS COMPLAINT, 300 VOLT

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- -10°C to 80°C

#### VOLTAGE RATING:

- 300 Volt

#### PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded, Semi Rigid PVC

### SPECIFICATIONS

- UL AWM Style 1061
- CSA AWM I A/B FT1
- RoHS Compliant



| Alpha Part No. | Conductor AWG | Strand | Insul. Thickness |      | Diameter |      | Stock Colors* |
|----------------|---------------|--------|------------------|------|----------|------|---------------|
|                |               |        | Inches           | mm   | Inches   | mm   |               |
| 3250           | 24            | 7/32   | 0.009            | 0,23 | 0.042    | 1,07 | 1-10          |
| 3251           | 22            | 7/30   | 0.009            | 0,23 | 0.048    | 1,22 | 1-10          |
| 3252           | 20            | 7/28   | 0.009            | 0,23 | 0.056    | 1,42 | 1-10          |
| 3253           | 18            | 7/26   | 0.009            | 0,23 | 0.066    | 1,68 | 1-10          |
| 3254           | 16            | 7/24   | 0.009            | 0,23 | 0.078    | 1,98 | 1-10          |

\*See color chart below

### AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups

#### \*STOCK COLOR CHART

|         |         |          |          |                    |                |                 |                |                 |                 |                 |
|---------|---------|----------|----------|--------------------|----------------|-----------------|----------------|-----------------|-----------------|-----------------|
| 1-White | 3-Red   | 5-Yellow | 7-Brown  | 9-Gray             | 11-White/Black | 13-White/Green  | 15-White/Blue  | 17-White/Orange | 19-White/Violet | 29-Yellow/Green |
| 2-Black | 4-Green | 6-Blue   | 8-Orange | 10-Violet (purple) | 12-White/Red   | 14-White/Yellow | 16-White/Brown | 18-White/Gray   | 28-Green/Yellow | 30-Pink         |



Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923  
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

Web Site: [www.alphawire.com](http://www.alphawire.com)  
Email: [info@alphawire.com](mailto:info@alphawire.com)